

determining a current recording speed based on the predetermined signal;

comparing the determined recording speed with a predetermined speed;

and

changing the rotating mode for recording between CAV and CLV according to the result of the comparing step.

4. (Three Times Amended) A method of changing a rotating mode for recording between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

(a) recording input data to an installed recording medium in CAV mode;

(b) measuring the frequency of a low-frequency component of a wobble signal, which is generated during said recording input data, said wobble signal being formed along a spiral physical track;

(c) comparing the measured frequency with a predetermined frequency;

and

(d) determining when to change the recording mode to CLV based on the comparing step.

(e) changing the rotating mode for recording from CAV to CLV based on the comparing step.